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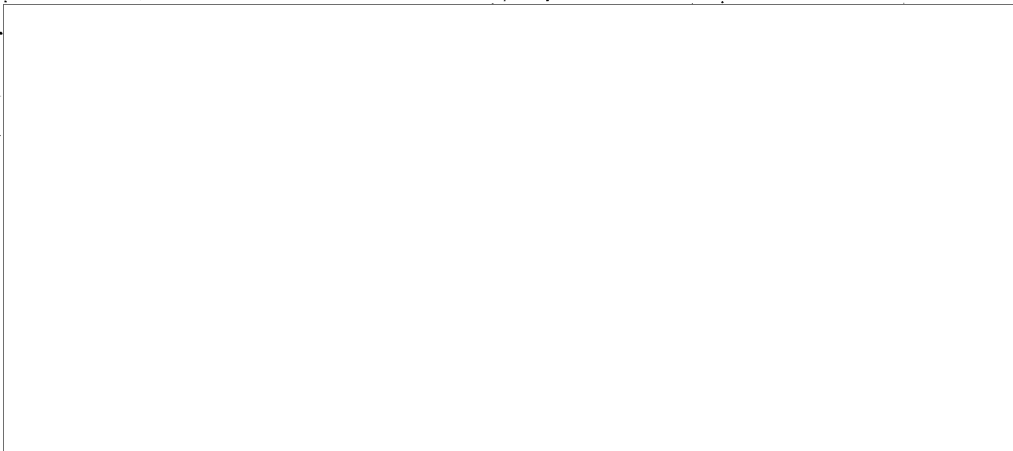
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DATE July 1965

CENTRAL INTELLIGENCE AGENCY  
PHOTOGRAPHIC INTELLIGENCE DIVISION  
PHOTOGRAPHIC INTELLIGENCE REPORT

MODEL IDENTIFICATION OF BEAR AIRCRAFT AT MOZDOK, SIAULIAI,  
CHEPELEVKA, DOLON AND SEVEROMORSK AIRFIELD, USSR.

CIA/PIR-7041/65



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GROUP 1  
Excluded from automatic  
downgrading and declassification

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**TOP SECRET RUFF**

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MODEL IDENTIFICATION OF BEAR AIRCRAFT AT MOZDOK, SIAULIAI,  
CHEPELEVKA, DOLON AND SEVEROMORSK AIRFIELDS, USSR.

1. The criteria used for identification of the BEAR aircraft by model, from overhead photography is as follows:


"A" Model - the lack of observable radomes at the nose or on the fuselage sides and the lack of a refueling probe giving a generally clean appearance to the aircraft;

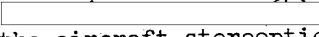
"B" Model - the replacement of the unobservable MUSHROOM radar at the nose of the "A" model with CROWN DRUM radar which projects out from the fuselage around the nose of the aircraft, giving it a bulbous appearance.

"C" Model - this model retains the CROWN DRUM radar and has, in addition, a radome along each side of the fuselage aft near the empennage and a refueling probe projecting forward from the nose of the aircraft;

"D" Model - this model retains the refueling probe and the fuselage side radomes of the "C" model; however, the large CROWN DRUM radar has been replaced with a small MUSHROOM type which is not observable from overhead. In addition a pod has been added to each tip of the horizontal stabilizer.

2. Identification of the above characteristics is dependant on atmospheric conditions, resolution, scale of the photography and whether or not the aircraft could be observed stereoptically.

3. One airfield, Mozdok (43 47N-44 36E), located 3.5 nm NNW of Mozdok, was observed on photography having all four photographic factors favorably related to photo interpretation. KH-7 Mission  covered the area with clear, stereo photography. Using the criteria as outlined in paragraph 1, 14 aircraft (annotations B, D, E, F, G, H, L, M, O, P, S, T, U, and W; Figure 1) are identified as BEAR "B". Nine aircraft (annotations A, C, I, J, K, N, Q, R and V; Figure 1) are identified as BEAR "C" models. Other aerodynamic vehicles observed are 1 BEAGLE and a total of 27 KANGAROO.

4. Siauliai Airfield (55 53N-23 23E), located 3.5 nm SE of Siauliai, is covered by stereo photography from KH-7 Mission  however, clouds and haze preclude observation of all of the aircraft stereoptically.

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Nine of the BEAR aircraft (annotations B, D, F, H, I, K, M, O and P; Figure 2) are identified as probable "B" models, 3 of the BEAR (annotations A, J and L; figure 2) are identified as probable "C" models and the other 4 BEAR (annotations C, E, G and N; figure 2) are either "B" or "C" models. Other aerodynamic vehicles observed are 6 BISON, 4 BEAGLE, 4 probable BEAGLE, 1 FLASHLIGHT/FIREBAR type, 2 probable FISHBED, 15 possible FISHBED, 10 FITTER, 3 probable FITTER, 5 possible MANDRAKE, 20 small unidentified aircraft and 15 probable KANGAROO.

5. Chepelevka Airfield (49 47N-30 26E), located at the south edge of Uzin (49 49N-30 26E) and 12 nm east of Belaya Tserkov (49 48N-30 07E), is covered on KH-7 Mission [ ] by clear photography; however, it is not in stereo. A total of 39 BEAR aircraft are observed at this time and are identified as 8 probable "A" model (annotations b, c, d, e, g, n, o, and J; Figure 3), 28 probable "B" model (annotations a, h, i, j, k, l, m, p, q, r, s, t, u, x, y, z, A, B, C, D, E, F, G, H, I, K, L and M; Figure 3), and 3 possible "C" model (annotations f, v, and w; Figure 3). Other aerodynamic vehicles observed are 2 possible FAGOT/FRESCO, 1 AN-22, 3 CAT/CUB, 2 probable CAB, 1 COLT and 31 KANGAROO.

6. Dolon airfield (50 32N-79 12E) located 6 nm SSW of Shagan (50 37N-79 14E) and 41 nm WNW of Semipalatinsk (50 25N-80 14E) is covered only by KH-4 photography of which the best recent mission [ ] which was clear, stereo coverage with snow on the ground. The aircraft are identified as 43 probable BEAR, 2 possible large aircraft and 20 possible KANGAROO (Figure 4). The small scale and poor resolution of the photography does not permit identification of the aircraft by model.

7. Severomorsk Airfield (69 01N-33 25E) located 2 nm south of Severomorsk is also covered only by KH-4 photography. [ ] is the best recent coverage and was clear stereo coverage with snow on the ground. Aircraft observed are 4 probable BEAR, and 59 medium swept wing aircraft (Figure 5). Identification of the aircraft by model is not possible due to small scale and poor resolution.

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REQUIREMENT

CIA. C-RR5-82,620

CIA/IAD Project

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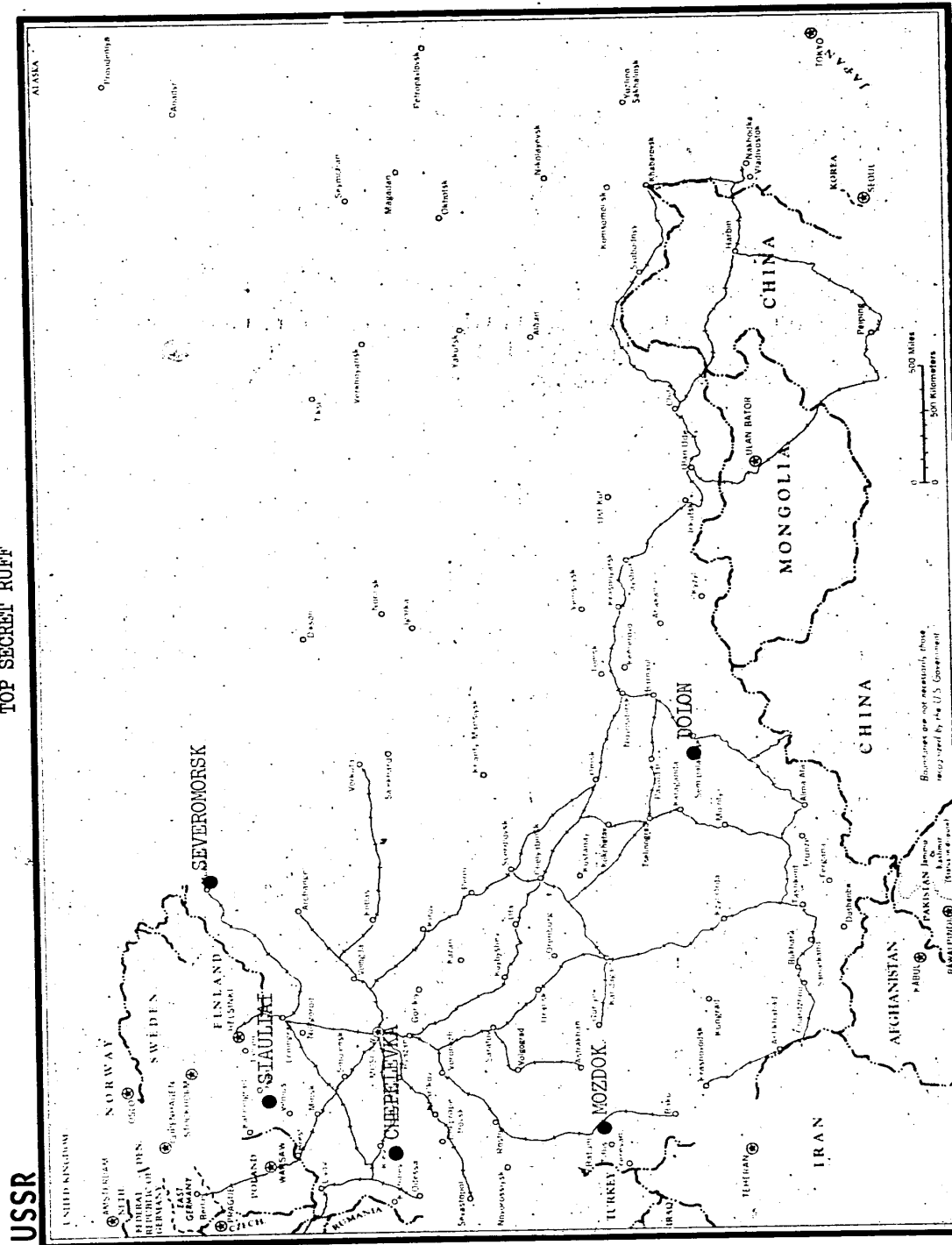
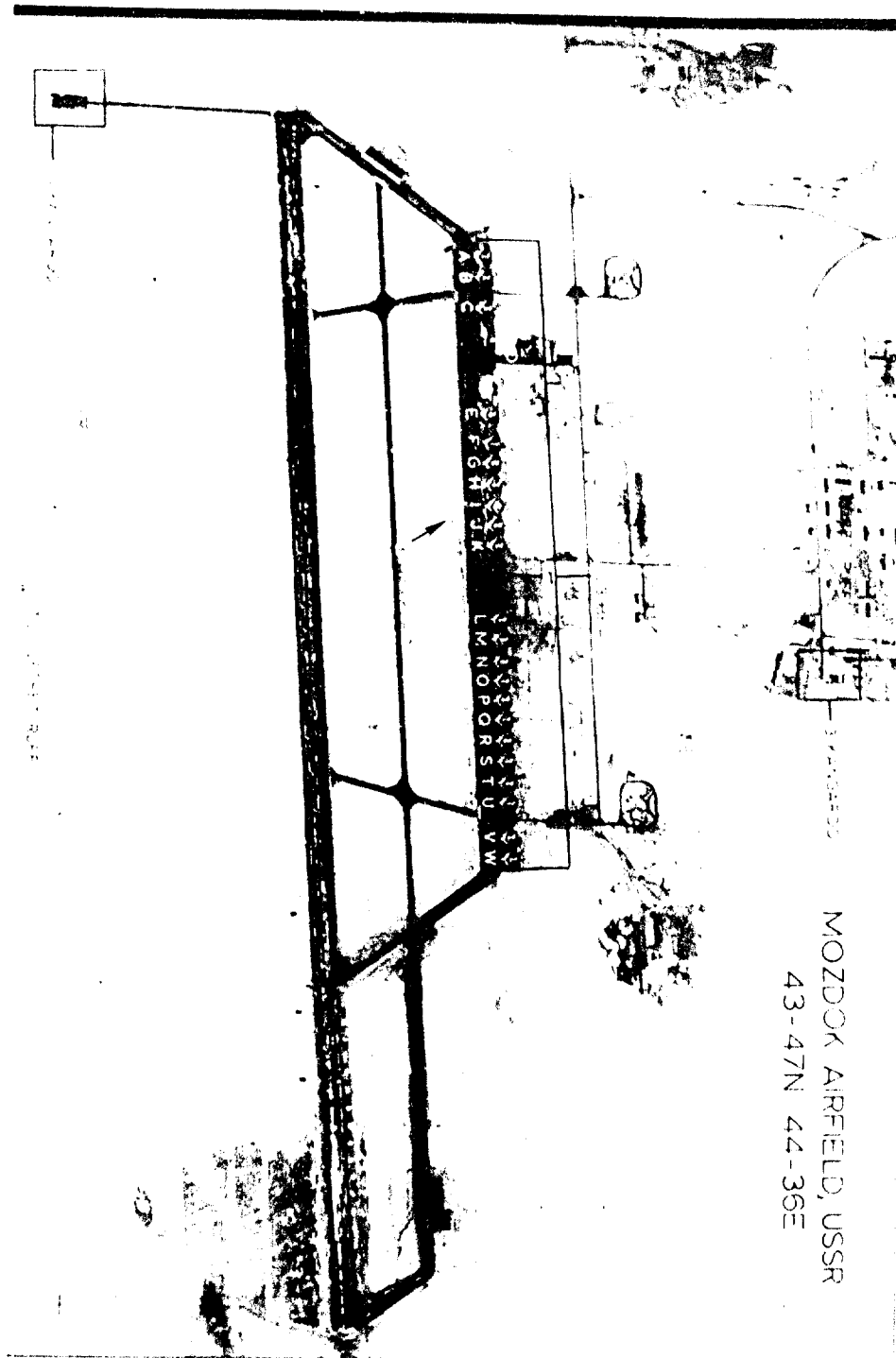


FIGURE 1  
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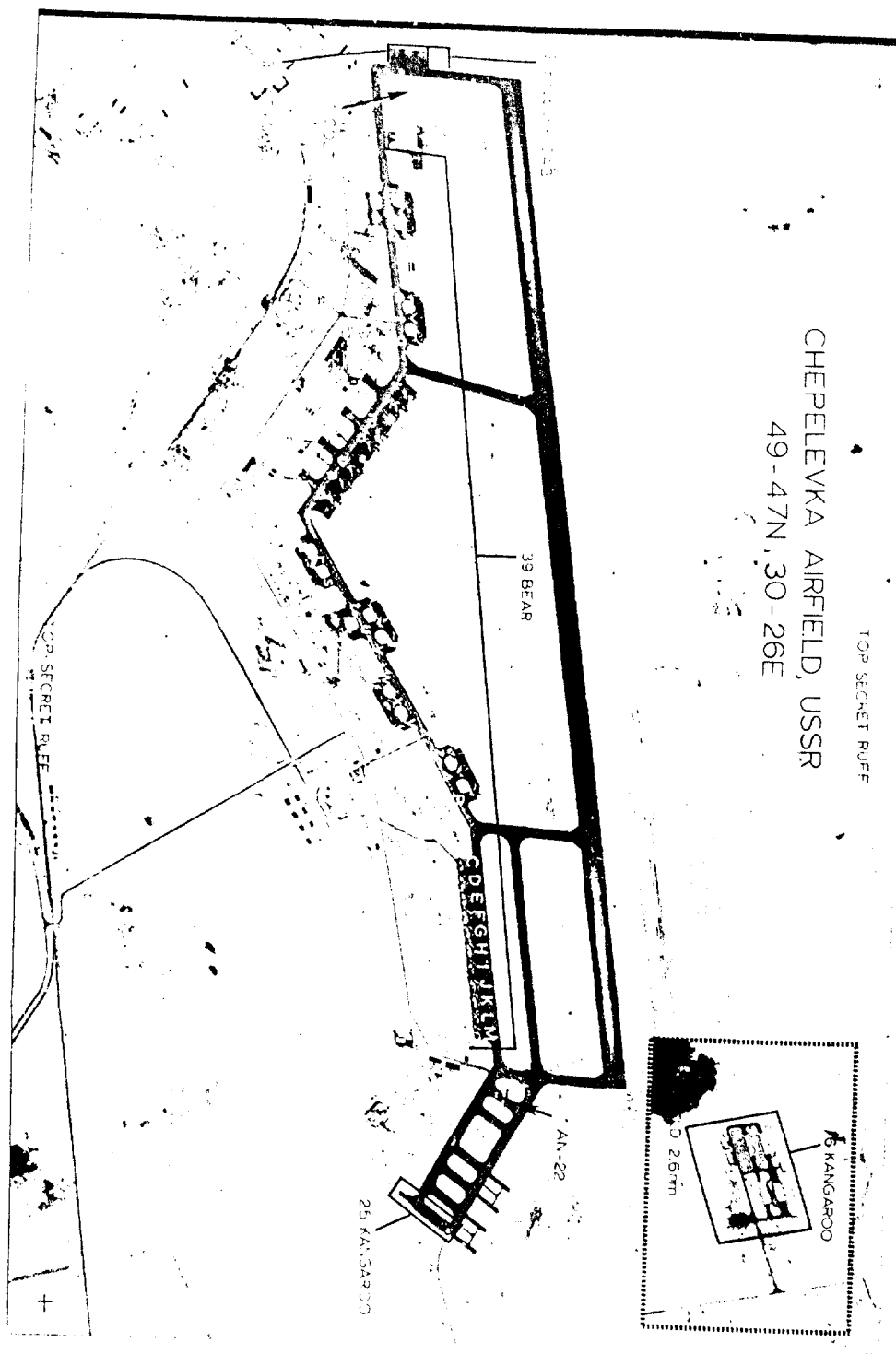
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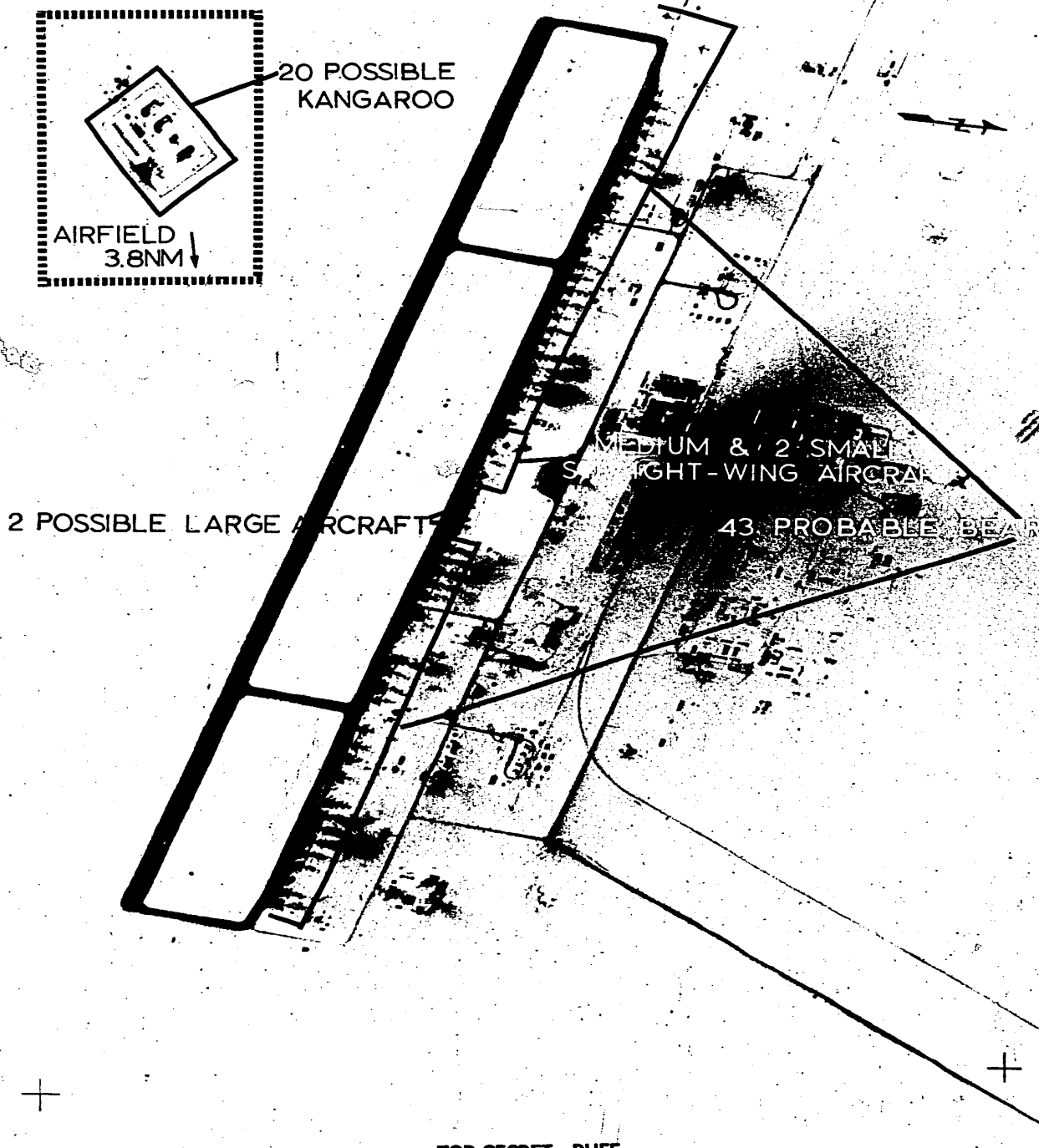


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# + DOLON AIRFIELD, USSR 50-32N 79-12E



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FIGURE 5

